

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A driving support system for a vehicle, comprising:
a communication apparatus enabling bi-directional communication between ~~a first~~ the vehicle and ~~an unspecified number of a first~~ moving ~~objects~~ object, said communication apparatus obtaining at least one of i) communication impeding intersection information relating to a communication impeding intersection at which there is a radio-wave blocking object ~~that blocks radio waves~~, and ii) moving object information relating to ~~at least one of the~~ first moving ~~objects~~ object, which is on an intersecting road that intersects a road on which the first vehicle is traveling, by communication between the first vehicle and the first moving object, ~~from among the unspecified number of moving objects, which is that is~~ traveling on the intersecting road, said communication apparatus transmitting to a second moving object that is on the road on which the vehicle is traveling, ~~from among the unspecified number of moving objects~~, at least one of the communication impeding intersection information and the moving object information; and
a detection device which detects the presence of the communication impeding intersection using at least one of the communication impeding intersection information and the moving object information,
wherein said communication apparatus transmits to the second moving object ~~on the road on which the first vehicle is traveling at least one of the communication impeding intersection information and the moving object information~~ only when the presence of the communication impeding intersection has been detected.

2. (Currently Amended) The driving support system according to claim 1, wherein said detection device detects the presence of the communication impeding intersection based on a communication history between the first vehicle and the first moving object.

3. (Currently Amended) The driving support system according to claim 1, wherein said detection device detects the presence of the communication impeding intersection when

communication between the first vehicle and the first moving object, which is within a predetermined distance from the first vehicle, starts while communication between the first vehicle and only the second moving object is taking place.

4. (Currently Amended) The driving support system according to claim 1, wherein said detection device detects the presence of the communication impeding intersection when the distance between i) the first vehicle at the time communication with the first moving object started and ii) a point of intersection of the intersecting road and the road on which the first vehicle is traveling is less than a predetermined distance.

5. (Currently Amended) The driving support system according to claim 1, wherein said communication apparatus transmits the moving object information including only information relating to the first moving object that is approaching the communication impeding intersection to the second moving object ~~the moving object information including only information relating to the first moving object that is approaching the communication impeding intersection.~~

6. (Currently Amended) The driving support system according to claim 5, wherein said communication apparatus transmits the moving object information including only information relating to the first moving object that has moved a predetermined distance or more away from the communication impeding intersection to the second moving object ~~the moving object information including only information relating to the first moving object that has moved a predetermined distance or more away from the communication impeding intersection.~~

7. (Currently Amended) The driving support system according to claim 1, wherein said communication apparatus transmits the communication impeding intersection information including information relating to the location of the communication impeding intersection to the second moving object ~~the communication impeding intersection information including information relating to the location of the communication impeding intersection.~~

8. (Currently Amended) The driving support system according to claim 1, wherein said communication apparatus transmits the communication impeding intersection information

including information relating to the presence of the radio-wave blocking object at the communication impeding intersection to the second moving object ~~the communication impeding intersection information including information relating to the presence of the radio-wave blocking object at the communication impeding intersection.~~

9. (Currently Amended) The driving support system according to claim 8, wherein said detection device evaluates the presence of the radio-wave blocking object based on a change in the communication state between the first vehicle and the first moving object.

10. (Currently Amended) The driving support system according to claim 8, wherein said detection device evaluates the presence of the radio-wave blocking object based on the distance between i) the first vehicle at the time communication with the first moving object ends, after the first vehicle has passed through the communication impeding intersection, and ii) the communication impeding intersection.

11. (Original) The driving support system according to claim 1, wherein when the presence of the communication impeding intersection has been detected, the communication apparatus transmits to the second moving object at least one of the communication impeding intersection information and the moving object information only when there is not a traffic signal at the communication impeding intersection.

12. (Currently Amended) The driving support system according to claim 3, further comprising a vehicle selecting device which i) monitors the communication state after communication has started between the first vehicle and the first moving object when a plurality of the second moving objects are traveling on the road on which the first vehicle is traveling, and ii) selects from among the plurality of the second moving objects ~~at least one of the second moving objects~~ object as a transmission target according to the monitoring results.

13. (Currently Amended) The driving support system according to claim 12, wherein when communication between the first vehicle and the first moving object continues after the first vehicle has passed through the communication impeding intersection, ~~at least one of the second moving objects~~ object that has not passed through the communication impeding

intersection but which is behind and traveling in the same direction as the first vehicle is at least included as the transmission target.

14. (Currently Amended) The driving support system according to claim 12, wherein when communication between the first vehicle and the first moving object continues after the first vehicle has passed through the communication impeding intersection, ~~at least one of the second moving objects~~ object which is behind and traveling away from the first vehicle is excluded from being the transmission target.

15. (Currently Amended) A driving support system for a vehicle comprising:
a receiving device ~~which~~ that obtains at least one of the communication impeding intersection information and the moving object information ~~by~~ of bi-directional communication ~~with a third~~ between a first moving object and a second moving object ~~which is provided with the driving support system according to claim 1;~~ and

a transmitting device ~~which~~ that transmits to a ~~fourth~~ third moving object at least one of the communication impeding intersection information and the moving object information,

wherein the first moving object comprises a communication apparatus enabling bi-directional communication between the first moving object and the second moving object, said communication apparatus obtaining at least one of i) the communication impeding intersection information relating to a communication impeding intersection at which there is a radio-wave blocking object, and ii) the moving object information relating to the second moving object, which is on an intersecting road that intersects a road on which the first moving object is traveling, by communication between the first moving object and the second moving object that is traveling on the intersecting road, said communication apparatus transmitting to the vehicle object that is on the road on which the first vehicle is traveling at least one of the communication impeding intersection information and the moving object information, and a detection device which detects the presence of the communication impeding intersection using at least one of the communication impeding intersection information and the moving object information, said communication apparatus transmits to the vehicle only when the presence of the communication impeding intersection has been detected.

16. (Currently Amended) A driving support system comprising:

a receiving device which ~~that~~ obtains information relating to the presence of the a radio-wave blocking object by of bi-directional communication ~~with a fifth~~ between a first moving object and a second moving object ~~which is provided with the driving support system according to claim 10; and~~

a transmitting device which transmits to a ~~sixth~~ third moving object information relating to the presence of the radio-wave blocking object,

wherein the first moving object comprises a communication apparatus enabling bi-directional communication between the first moving object and the second moving object, said communication apparatus obtaining at least one of i) the communication impeding intersection information relating to a communication impeding intersection at which there is a radio-wave blocking object, and ii) the moving object information relating to the second moving object, which is on an intersecting road that intersects a road on which the first moving object is traveling, by communication between the first moving object and the second moving object that is traveling on the intersecting road, said communication apparatus transmitting to the vehicle that is on the road on which the first vehicle is traveling at least one of the communication impeding intersection information and the moving object information, and a detection device which detects the presence of the communication impeding intersection using at least one of the communication impeding intersection information and the moving object information, said communication apparatus transmits to the vehicle only when the presence of the communication impeding intersection has been detected and transmits the communication impeding intersection information including information relating to the presence of the radio-wave blocking object at the communication impeding intersection to the vehicle.

17. (Currently Amended) A driving support system for a vehicle, comprising:

a detecting device which detects the presence of an intersection ahead on a road on which a ~~first~~ vehicle is traveling based on predetermined map data;

a receiving device which is provided in a communication apparatus enabling bi-directional communication between the ~~first~~ vehicle and ~~an unspecified number of a first moving objects~~ object, said receiving device obtaining information by communication with ~~a the first moving object, from among the unspecified number of moving objects, which is on an~~

intersecting road which intersects the road on which the first vehicle is traveling at the intersection ~~when the intersection has been detected~~;

an information generating device that generates at least one of intersection information relating to the intersection and moving object information relating to the first moving object based on the obtained information; and

a transmitting device that transmits the generated information to a second moving object, ~~from among the unspecified number of moving objects~~, which is on the road on which the first vehicle is traveling when the intersection has been detected by the detecting device.

18. (Original) The driving support system according to claim 17, wherein the generated information is transmitted to the second moving object only when it has been detected that there is a facility of a predetermined scale or larger around the detected intersection based on the predetermined map data.

19. (Currently Amended) The driving support system according to claim 17, wherein only information relating to the first moving object that is in a predetermined position with respect to ~~the~~ a facility of a predetermined scale or larger is included in the moving object information.

20. (Currently Amended) A vehicular control system provided in a vehicle, comprising:

a receiving device for receiving at least one of the communication impeding intersection information and the moving object information ~~provided by the driving support system according to claim 1~~ of bi-directional communication between a first moving object and a second moving object; and

a control apparatus that controls the vehicle using the received information,
wherein the first moving object comprises a communication apparatus enabling bi-directional communication between the first moving object and the second moving object, said communication apparatus obtaining at least one of i) the communication impeding intersection information relating to a communication impeding intersection at which there is a radio-wave blocking object, and ii) the moving object information relating to the second moving object, which is on an intersecting road that intersects a road on which the first moving object is

traveling, by communication between the first moving object and the second moving object that is traveling on the intersecting road, said communication apparatus transmitting to the vehicle that is on the road on which the first vehicle is traveling at least one of the communication impeding intersection information and the moving object information, and a detection device which detects the presence of the communication impeding intersection using at least one of the communication impeding intersection information and the moving object information, said communication apparatus transmits to the vehicle only when the presence of the communication impeding intersection has been detected.

21. (Currently Amended) A vehicular control system provided in a vehicle, comprising:

a receiving device for receiving the information relating to the presence of the a radio-wave blocking object at the communication impeding intersection ~~provided by the driving support system according to claim 10~~ of the bi-directional communication between a first moving object and a second moving object; and

a control apparatus that controls the vehicle using the received information,
wherein the first moving object comprises a communication apparatus enabling bi-directional communication between the first moving object and the second moving object, said communication apparatus obtaining at least one of i) the communication impeding intersection information relating to a communication impeding intersection at which there is a radio-wave blocking object, and ii) the moving object information relating to the second moving object, which is on an intersecting road that intersects a road on which the first moving object is traveling, by communication between the first moving object and the second moving object that is traveling on the intersecting road, said communication apparatus transmitting to the vehicle that is on the road on which the first vehicle is traveling at least one of the communication impeding intersection information and the moving object information, and a detection device which detects the presence of the communication impeding intersection using at least one of the communication impeding intersection information and the moving object information, said communication apparatus transmits to the vehicle only when the presence of the communication impeding intersection has been detected and transmits the communication impeding intersection information including information relating to the presence of the radio-wave blocking object at the communication impeding intersection to the vehicle.